

$\text{ordin} = 2$
 $\text{ordin} = 10$

$$\underbrace{\begin{bmatrix} h_d[0] \\ h_d[1] \\ h_d[2] \\ h_d[3] \\ h_d[4] \end{bmatrix}}_B = \underbrace{\begin{bmatrix} 0 & 0 \\ -h_d[0] & 0 \\ -h_d[1] & -h_d[0] \\ -h_d[2] & -h_d[1] \\ -h_d[3] & -h_d[2] \end{bmatrix}}_A \cdot \underbrace{\begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}}_{\text{eye}(3)} \cdot \underbrace{\begin{bmatrix} a_1 \\ a_2 \\ b_0 \\ b_1 \\ b_2 \end{bmatrix}}_X$$

$1 \times 10! \cdot 1 \times 10!$
 $2 \times \text{ordin} + 1$
 $\text{eye}(3)$
 $\text{ordin} + 1$
 $2 \times \text{ordin} + 1$
 $2 \times \text{ordin} + 1$
 $[x; y] \Rightarrow \begin{bmatrix} x \\ y \end{bmatrix}$
 $[x, y] \Rightarrow \begin{bmatrix} x & y \end{bmatrix}$